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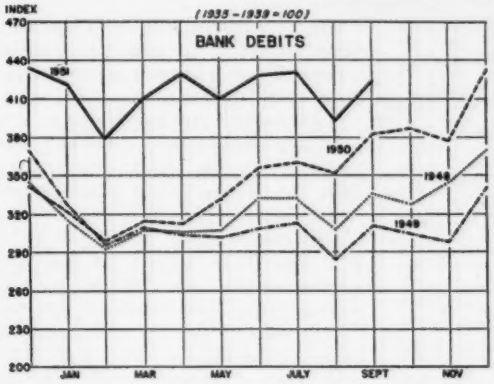
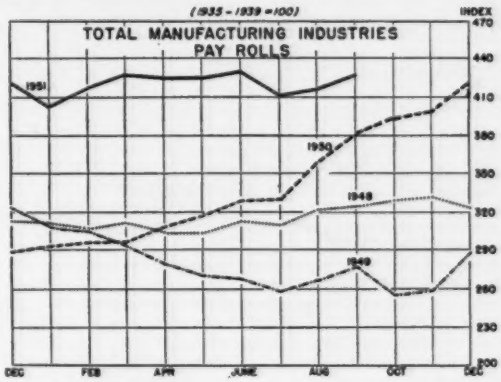
Bulletin of Business Research

- Published Monthly by THE BUREAU OF BUSINESS RESEARCH
- College of Commerce and Administration, The Ohio State University

Volume XXVI, Number 9 | OCTOBER, 1951 | Subscription, $2 per Year

INDEXES OF OHIO BUSINESS





The Trend of Business

IN THE UNITED STATES

Business Activity for the 4-week period ending October 20 was up fractionally from the previous 4 weeks, 2 per cent from the corresponding period in 1950, and 9 per cent for the first 9 months of the year, according to the New York *Times* Business Activity Index.

Freight Car Loadings for the same 4-week period were up 6 per cent from the previous 4 weeks, but were down 1 per cent from September 1950. For the first 9 months of the year, however, car loadings were 6 per cent above last year.

Bank Debits outside New York City were up 7 per cent in September from August, 6 per cent from September 1950, and for the first 9 months of the year were 18 per cent above last year.

Personal Income dropped fractionally in September from August, but was 9 per cent above September 1950, and for the first 9 months of the year was 13 per cent above last year. Nonagricultural income was up fractionally in September from August, 9 per cent from September 1950, and 12 per cent for the first 9 months of the year. Agricultural income was up 14 per cent in September from August, 15 per cent from September 1950, and 16 per cent for the first 9 months of the year.

Life Insurance Sales dropped 12 per cent in September from August and 11 per cent from September 1950, but for the first 9 months of the year were 2 per cent above last year.

Industrial Production as measured by the Federal Reserve Board Index was up 1 per cent in September from August, 4 per cent from September 1950, and 13 per cent for the first 9 months of the year.

Electric Power Production dropped 6 per cent in September from August, but was 9 per cent above September 1950, and for the first 9 months of the year was 13 per cent above last year.

Bituminous Coal Production was down 9 per cent in September from August, and 10 per cent from September 1950,

(Continued on Page 2)

IN OHIO

Bank Debits in 16 Ohio cities were up 8 per cent in September from August, 12 per cent from September 1950, and 23 per cent for the first 9 months of the year as compared with last year.

Life Insurance Sales were down 14 per cent in September from August and were 5 per cent below September 1950, but for the first 9 months of the year were 8 per cent above last year.

Agricultural Income was down 5 per cent in September from August, but was 15 per cent above September 1950, and for the first 9 months of the year was 23 per cent above last year. For the first 9 months of the year, as compared with last year, income from grains was down 5 per cent, but income from dairy products was up 26 per cent, from meat animals, 28 per cent, and from poultry and eggs, 38 per cent.

Electric Power Production was up 12 per cent in September from August, 10 per cent from September 1950, and 13 per cent for the first 9 months of the year.

Bituminous Coal Production was up 3 per cent in September from August, but was 1 per cent below September 1950, and for the first 9 months of the year was 7 per cent below last year.

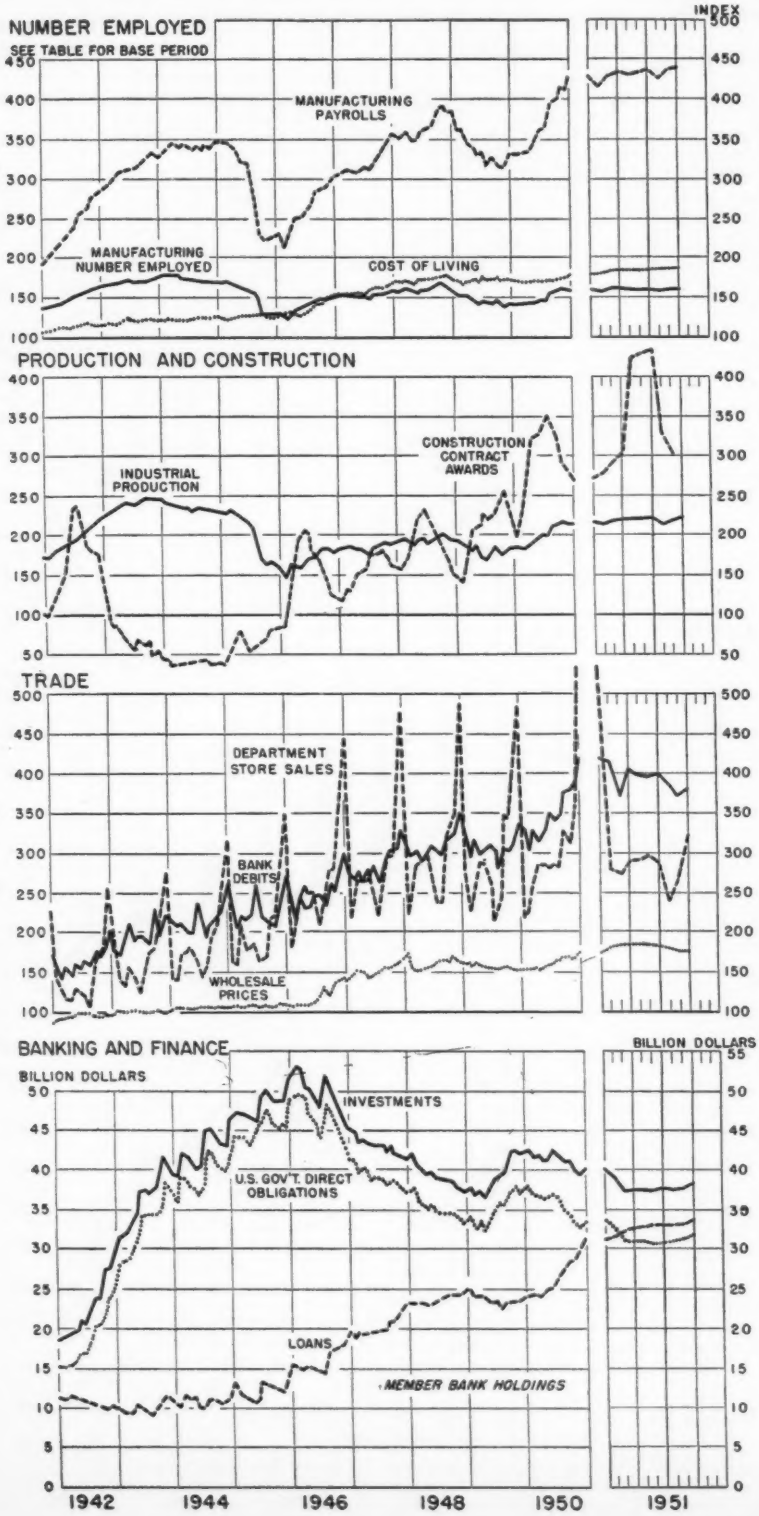
Construction Activity, as measured by the value of contracts awarded, was down 13 per cent in September from August, and was 11 per cent below September 1950, but for the first 9 months of the year was 18 per cent above last year. For the first 9 months of the year, residential construction was down 3 per cent, but public works and utilities construction was up 35 per cent and nonresidential construction, 41 per cent.

Retail Sales of independent stores were up 10 per cent in September from August, 1 per cent from September 1950, and 6 per cent for the first 9 months of the year.

Department Store Sales were up 10 per cent in September from August, but were 4 per cent below September 1950. For the first 9 months of the year, however, sales were 5 per cent above last year.

Entered as second class matter March 3, 1926, at the Post Office at Columbus, Ohio, under the Act of August 24, 1912.
Acceptance for mailing at the special rate of postage provided for in section 1103, Act of October 3, 1917, authorized March 3, 1926.

Business in the United States



IN THE UNITED STATES

(Continued from Page 1)

but for the first 9 months of the year was 6 per cent above last year.

Steel Production was up 3 per cent in September from August, 5 per cent from September 1950, and 9 per cent for the first 9 months of the year as compared with last year.

Construction Activity, as measured by the value of contracts awarded, was down 14 per cent in September from August, and 16 per cent from September 1950, but for the first 9 months of the year was 13 per cent above last year.

Department Store Sales were up 21 per cent in September from August but were 2 per cent below September 1950. For the first 9 months of the year, however, sales were 3 per cent above last year.

Commodity Prices at Wholesale were down fractionally in September from August, but were 5 per cent above September 1950, and for the first 9 months of the year averaged 15 per cent above last year.

Food Prices at Retail dropped fractionally in September from August, but were 9 per cent above September 1950, and for the first 12 months of the year were 12 per cent above last year.

Cost of Living was up fractionally in September from August, 7 per cent from September 1950, and 9 per cent for the first 9 months of the year as compared with last year.

FOOTNOTES FOR BULLETIN TABLES

†Changes in number of failures; [a]Figures in parentheses show number of firms reporting this month; [b]Data not available; [c]Only percentage of change available; [d]Adjusted for seasonal changes; [e]Bureau of Business Research estimate; [f]Adjusted for number of working days; [g]Data cover county area; [h]Includes additions, alterations and repairs along with residential and non-residential; [x]Less than 3 firms reporting; [p]Preliminary; [r]Revised; [w]Weighted; [z]Less than 0.5%; [y]More than 1,000% increase.

Primary Sources:

Computed from original data collected by the Bureau of Business Research from: [1]Local Power and Light Co's.; [2]County Clerk of Courts; [3]Ohio Cleaners and Dyers.

Computed by the Bureau of Business Research from data collected in coperation with: [4]Bureau of the Census, U. S. Dept. of Commerce.

[5]Computed by the Bureau of Business Research from sample data supplied by the Division of Research and Statistics of the Ohio Bureau of Unemployment Compensation, collected in Cooperation with the Bureau of Labor Statistics, U. S. Dept. of Labor; [6]Federal Power Commission; [7]Life Insurance Agency Management Assoc.; and from data of: [8]Board of Governors of the Federal Reserve System; [9]F. W. Dodge Corporation.

Other Data Sources: [10]New York *Times*; [11]Association of American Railroads; [12]Dun & Bradstreet, Inc.; [13]American Iron & Steel Institute; [14]*Steel Magazine;* [15]Federal Reserve Board; [16]U. S. Dept. of Agriculture; [17]*Commercial & Financial Chronicle;* [18]U. S. Bureau of Labor Statistics; [19]Wards Reports; [20]Federal Power Commission; [21]Bituminous Coal Division, U. S. Dept. of Interior; [22]U. S. Steel Corporation; [23]F. W. Dodge Corporation; [24]*Chain Store Age;* [25]U. S. Dept. of Commerce; [26]Fairchild Publications; [27]Standard and Poor's Corp.; [28]Dept. of Rural Economics, O. S. U.; [29]National Industrial Conference Board; [30]R. L. Polk & Co.; [31]Ohio Bureau of Unemployment Compensation.

BULLETIN OF BUSINESS RESEARCH

Published Monthly at the Ohio State University Press, Columbus, Ohio

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Subscription rates: $2.00 for 1 year; $3.50 for 2 years; $4.50 for 3 years.

← U. S. Reference Data

ITEM — Unit or Index Base Period	Sept. 1951	Aug. 1951	Change From Last Month: Sept. 1951 from Aug. 1950	Change From Last Year: Sept. 1951 from Sept. 1950	Change From Last Year: 9 mos. 1951 from 1950
General Business					
Totals, or Average Indexes for 4 Weeks Ended on Indicated Dates			%	%	%
Bus. Activity[10] 10-20-'51 *Comp. Norm.*	167	166	+ x	+ 2	+ 1
Fght. Car Loadings[11] 10-20-'51 *Thous.*	3,479	3,277	+ 6	— 1	+ 6
Com. Failures[12] 10-20-'51 ...*Number*	570	604	— 6	— 13	— 13
Calendar Months					
• Bank Dbts. (Excl. N.Y.C.)[8,2] *1935–39*	397	372	+ 7	+ 6	+ 18
Seasonally Adjusted, at Ann. Rates:					
Tot. Pers. Income Pay.[28,4] *Bil. Dol.*	253	254	— x	+ 9	+ 13
Salaries and Wages Inc.[28,4] "	168	167	+ x	+ 12	+ 18
Non-Agricultural Inc.[28,4] "	232	231	+ x	+ 9	+ 12
Agr. Inc. (Cash f. Mktgs.)[10] *1935–39*	514	450	+ 14	+ 15	+ 16
Life Ins. Sales[7] "	220	249	— 12	— 11	+ 2
Steel Ind. Oper. Rate[13] .% Capacity	101	99	+ 3	+ 2	+ 5
Securities Issued[17]—New..*Mil. Dol.*	b	441	b	b	b
Securities Issued[17]—Refunding "	b	192	b	b	b
Employment and Pay Rolls[16]					
• No. Employed—Mfg. *1939*	160	160	— x	+ x	+ 9
• Pay Rolls—Manufacturing .... "	436	431	+ 1	+ 8	+ 21
Production					
• Industrial Prod.[15] *1935–39*	224	221	+ 1	+ 4	+ 13
Elec. Power Prod.[30]..*Mil. of K.W.H.*	30,275	32,326	— 6	+ 9	+ 13
Bitum. Coal Prod.[31].....*Thous. Tons*	42,689	47,065	— 9	— 10	+ 6
Steel Prod.[13] *Av. Weekly Tons Thous.*	2,022	1,971	+ 3	+ 5	+ 9
Pig Iron Prod.[32].....*Thous. Tons*	5,890	6,063	— 3	+ 3	+ 10
Mach. Tool Shipmens[33] *1945–47=100*	190	179	+ 6	+ 87	+108
Mach. Tools (New orders) "	380	489	— 22	+ 35	+212
Construction (Value of Contracts Awarded—37 Eastern States)					
• Total (Index)[15] 3 Mo.Mov.Av. *1923–25*	279	303	— 8	— 14	+ 13
Total[29] .....*Thous. of Dol.*	1,082,855	1,262,811	— 14	— 16	+ 13
Residential[29] ..... " "	479,716	567,566	— 15	— 13	— 6
Nonresidential[29] ..... " "	404,462	475,957	— 15	— 19	+ 43
Public Works & Util.[29]. " "	198,677	219,288	— 9	— 17	+ 4
Distribution					
Retail Sales[25] .....%	b	b	b	b	b
• Dept. Store Sales[15].....*1935–39*	323	267	+ 21	— 2	+ 3
Prices					
• Wholesale Commod. Prices[15]....*1926*	178	178	— x	+ 5	+ 15
• Cost of Living[6].....*1935–39*	187	186	+ x	+ 7	+ 9
Retail Food Prices[16]..... "	226	226	— x	+ 9	+ 12
Dept. Store Prices[26]..... "	148	149	— x	+ 6	+ 7

Banking and Finance

ITEM — Unit	Oct. 17 1951	Oct. 18 1950	Oct. 19 1949	Change From Last Month Amt.	Change From Last Year Pr.Ct.
Federal Reserve Banks[15]				$	%
U.S. Gov. Securities...*Mil. Dol.*	23,848	19,506	17,666	+ 713	+ 22
Member Bank Borrowings "	74	41	123	— 290	+ 80
Member Banks—101 Cities[15]					
• Total Loans ..... "	33,798	28,822	23,791	+ 254	+ 17
Bus. & Agr. Loans and Open Market Paper "	20,489	16,147	13,647	+ 551	+ 27
Brok. & Other Secur. Ins. ..... "	1,769	2,063	1,818	— 256	— 14
Real Estate Loans... "	5,633	5,102	4,244	+ 38	+ 10
Other Loans ..... "	5,912	5,682	4,211	— 11	+ 4
• Total Investments .... "	37,710	40,019	42,648	— 350	— 6
• U.S. Gov. Obligations.. "	30,976	33,580	37,625	— 357	— 8
Demand Deposits ..... "	51,323	49,339	46,738	— 34	+ 4
Time Deposits ..... "	16,004	15,425	15,289	+ 104	+ 4
Money[15]					
Money in Circulation.. "	28,385	27,228	27,427	+ 245	+ 4
Monetary Gold Stock.. "	22,105	23,291	24,585	+ 171	— 5
Security Markets[27]					
Stock Prices—365 Ind. *In'x'35–39*	205	171	134	— 1	+ 20
" " — 20 Rails " "	156	131	97	+ 3	+ 20
" " — 31 Util. " "	116	106	101	+ 1	+ 5
BondYld—Corp.Al+ (high gr.) %	2.877	2.633	2.587	+ .058	+ 9

• Indicates Series Charted (page 2). For Sources and Footnotes, see page b.

Reference Data—Ohio →

ITEM (Unit or Index Base Period)	Sept. 1951	Aug. 1951	Change From Last Month: Sept. 1951 from Aug. 1950	Change From Last Year: Sept. 1951 from Sept. 1950	Change From Last Year: 9 mos. 1951 from 1950
General Business					
			%	%	%
• Bank Debits[6,f] (16 cities) ... *1935–39*	426	393	+ 8	+ 12	+ 23
Commercial Failures[12] ..... *Number*	11	15	— 27	— 50	— 32
Commercial Liabilities[12] .. *Thous. Dol.*	596	409	+ 46	+ 12	— 2
Life Ins. Sales[7] *1935–39*	225	262	— 14	— 5	+ 8
Agr. Income[20]—Total *1935–39*	342	361	— 5	+ 15	+ 23
Meat Animals ..... "	452	409	+ 11	+ 16	+ 28
Dairy Products ..... "	348	368	— 5	+ 19	+ 26
Grains ..... "	170	368	— 54	— 9	— 5
Poultry and Eggs ..... "	291	275	+ 6	+ 28	+ 38
• Electric Power Produc.[6,f] ... *1935–39*	332	297	+ 12	+ 10	+ 13
Bit. Coal Prod.[21] 4 wks. *Thous. Tons*	2,773	2,697	+ 3	— 1	— 7
Construction (Value of Contracts Awarded)[9,f]					
• Total (Index) *1935–39*	555	635	— 13	— 11	+ 18
Residential ..... "	746	864	— 14	— 2	— 3
Nonresidential ..... "	515	562	— 8	— 31	+ 41
Public Works & Utilities .. .. "	363	434	— 16	+ 18	+ 35
Distribution					
Retail Sales—Independent Stores[4]					
All Lines[w] (1429)[a] *1935–39*	272	278	— 2	— 3	+ 6
All Lines [w,d] (1429) ..... "	275	280	— 2	— 3	+ 6
All Lines[w,f] (1429) ..... "	[e]	[e]	+ 10	+ 1	+ 6
Food (179) ..... "	254	238	+ 7	+ 10	+ 11
Apparel (117) ..... "	260	236	+ 10	— 7	+ 7
Furniture (211) ..... "	232	232	+ [x]	— 15	+ [x]
Building Material (136) "	441	511	— 14	+ 1	+ 13
• Dept. Store Sales (31) .. "	307	280	+ 10	— 4	+ 5
Dyer's & Cleaner's Sales[3] (40) *1939*	267	237	+ 13	— 4	+ 7
Passgr. Car Reg., New[3] (39 cos.) *No.*	17,674	19,175	— 8	— 33	— 14
Truck Reg., New[3] (39 cos.) ..... "	2,251	2,348	— 4	— 31	— 14
Used Car Reg.[3] (32 cos.) ..... "	57,734	68,308	— 16	— 7	+ 3
Placements, Unemployment and Unemployment Compensation[21]					
Placements by O.E.S. ..... *No.*	49,296	41,415	+ 19	— 5	+ 23
Registered for Work with O.E.S. "	60,850	63,669	— 4	— 21	— 55
Total Benefit Payments .. *Thous. Dol.*	2,091	2,363	— 12	— 20	— 72
Av. Receiving Benefits Wkly. ... *No.*	25,561	24,879	+ 3	— 16	— 69
Wkly. Benefits Per Recipient ... *Dol.*	22.71	22.57	+ 1	+ 3	— 3
Unemployment Com. Fund .. *Mil. Dol.*	556	557	— [x]	+ 11	[h]
Employment, Pay Rolls and Earnings[5]					
Number Employed:					
• Total[w] (8508)[a] *1935–39*	148	147	+ 1	+ 3	+ 10
• Manufacturing[w] (2929) .. "	144	142	+ 1	+ 2	+ 13
• Trade & Pub. Util.[w] (4699) "	129	128	+ 1	+ 4	+ 4
• Construction (880) ..... "	176	180	— 2	+ 10	+ 17
Pay Rolls:					
• Total[w] (8508) ..... "	420	412	+ 2	+ 13	+ 24
• Manufacturing[w] (2929) .. "	428	416	+ 3	+ 12	+ 29
• Trade & Pub. Util.[w] (4699) "	266	263	+ 1	+ 10	+ 12
• Construction (880) ..... "	455	466	— 2	+ 31	+ 38
• Man-Hours—Mfg.[w] (2887) "	168	165	+ 2	+ 2	+ 15
Wage Earner Mfg.[w] (2887) "					
Av. Hours Worked ..... *No.*	40.8	40.3	+ 1	— [x]	+ 2

Banking (4th Federal Reserve District)[15]

ITEM (Unit)	Oct. 17 1951	Oct. 18 1950	Oct. 19 1949	Change From Last Month Amt.	Change From Last Year Pr.Ct.
Cleveland Federal Reserve Bank				$	%
U.S. Gov. Securities *Thous.Dol.*	2,227,623	1,808,115	1,629,318	+68,211	+ 23
Member Bank Borrowings "	2,020	2,125	9,754	— 6,030	— 5
Member Banks—4th District					
• Total Loans ..... *Mil. Dol.*	2,070	1,670	1,439	+ 5	+ 24
Bus. & Agr. Loans and Open Mkt. Paper .. "	1,246	891	825	+ 43	+ 40
Brok. & "Other Secur." Loans ..... "	104	130	93	0	— 20
Real Estate Loans ... "	401	342	286	+ 4	+ 17
Other Loans ..... "	346	328	255	— 4	+ 5
• Total Investments ..... "	3,089	3,152	3,238	+ 35	— 2
• U.S. Gov. Obligations .. "	2,602	2,696	2,867	+ 35	— 3
Demand Deposits ..... "	3,648	3,404	3,153	+ 25	+ 7
Time Deposits ..... "	1,421	1,347	1,362	+ 7	+ 5

• Indicates Series Charted (pages 3, 4, or 5). For Sources and Footnotes, see page 2.

Business in Ohio

OHIO EMPLOYEE GROSS EARNINGS[1]

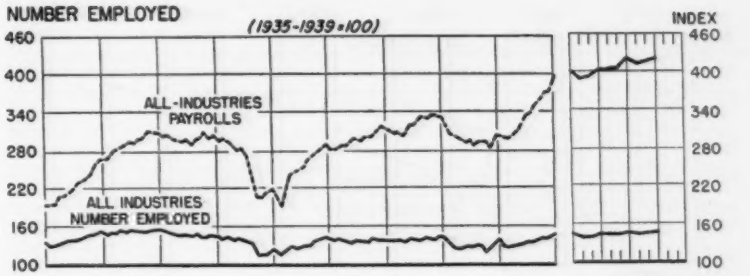
AREA (County)	September, 1951 Weekly	September, 1951 Hourly	September, 1950 Weekly	September, 1950 Hourly
MANUFACTURING:[1]				
Akron (109)[a]	76.41	1.92	68.27	1.78
Canton (102)	68.33	1.82	65.49	1.65
Cincinnati (422)	67.45	1.60	61.11	1.45
Cleveland (710)	78.85	1.85	70.97	1.68
Columbus (169)	66.46	1.64	62.99	1.48
Dayton (144)	80.38	1.95	76.70	1.80
Toledo (162)	76.99	1.89	73.85	1.81
Youngstown (49)	77.32	1.91	66.45	1.68
All other counties (1004)	68.41	1.67	63.19	1.54
Total Ohio (2871)	73.94	1.81	67.55	1.65
TRADE & PUB. UTILITIES:[2]				
Akron (129)	51.80	1.33	48.08	1.25
Canton (91)	50.60	1.23	47.66	1.19
Cincinnati (394)	52.66	1.32	49.47	1.25
Cleveland (556)	62.79	1.49	59.06	1.43
Columbus (252)	55.31	1.31	50.74	1.21
Dayton (88)	60.31	1.42	54.86	1.29
Toledo (192)	62.17	1.56	51.95	1.33
Youngstown (148)	50.41	1.23	45.71	1.13
All other counties (1661)	55.29	1.35	52.46	1.28
Total Ohio (3511)	53.15	1.36	49.91	1.24
CONSTRUCTION:[3]				
Akron (43)	88.09	2.31	84.97	2.27
Canton (38)	94.69	2.22	79.70	1.98
Cincinnati (140)	88.75	2.19	77.89	2.01
Cleveland (198)	103.77	2.57	88.73	2.37
Columbus (56)	81.83	2.09	69.81	1.61
Dayton (58)	96.62	2.39	79.28	2.04
Toledo (63)	89.41	2.45	83.48	2.27
Youngstown (25)	93.45	2.23	75.19	2.09
All other counties (224)	78.85	2.04	71.35	1.92
Total Ohio (845)	94.67	2.30	79.69	2.10
ALL INDUSTRIES:				
Akron (281)	67.40	1.75	61.34	1.62
Canton (231)	63.53	1.88	62.73	1.56
Cincinnati (956)	64.72	1.57	57.14	1.41
Cleveland (1464)	74.78	1.79	67.81	1.64
Columbus (477)	59.11	1.46	55.08	1.34
Dayton (290)	76.02	1.80	70.77	1.67
Toledo (417)	70.66	1.82	65.39	1.68
Youngstown (222)	72.77	1.82	64.34	1.63
All other counties (2889)	67.86	1.68	62.48	1.57
Total Ohio (7227)	67.60	1.68	61.73	1.53

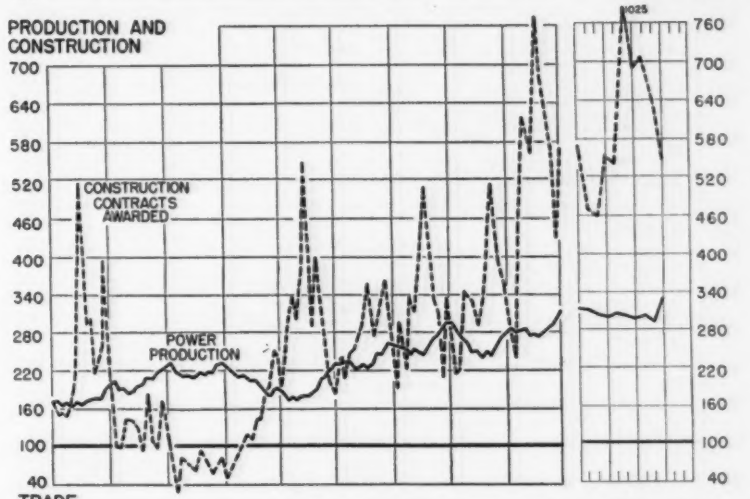
(1) Covers production workers including working foreman.
(2) Covers all employees except executives and other high-salaried employees.
(3) Covers all construction employees except executives and other high-salaried employees.

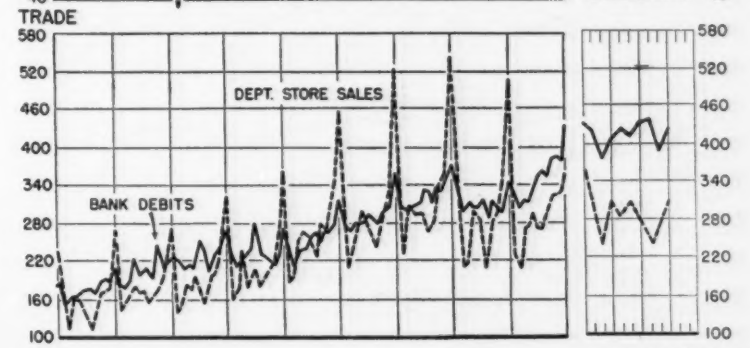
NEW AUTOMOBILE REGISTRATIONS[2]

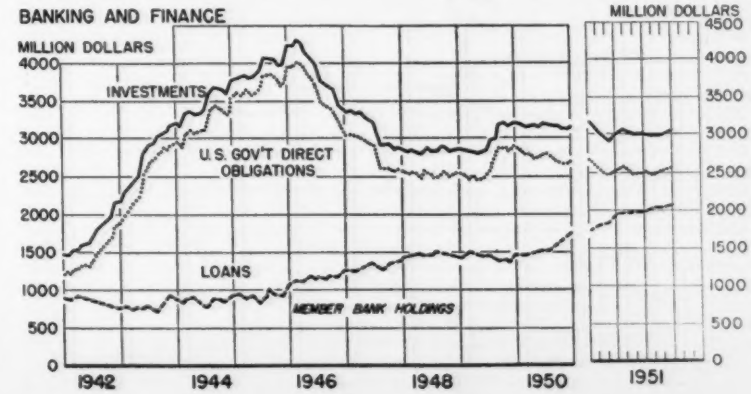
Make of Car	7 MAJOR OHIO COUNTIES[a] Sept. 1951	Aug. 1951	Change: Sept. 1951 from Aug. 1951	Change: Sept. 1951 from Sept. 1950	Percentage of Total 9 mos. 1951
	No.	No.	%	%	%
Chevrolet	2,812	2,995	— 6	— 45	22
Ford	1,920	2,661	— 28	— 45	17
Plymouth	1,637	1,829	— 10	— 40	11
Dodge	1,029	977	+ 5	— 16	6
Buick	993	979	+ 1	— 39	7
Pontiac	970	975	— 1	— 28	7
Oldsmobile	809	696	+ 16	— 24	6
Studebaker	665	607	+ 10	— 1	3
Mercury	632	720	— 12	— 31	5
Chrysler	484	458	+ 6	— 25	3
Nash	426	448	— 5	+107	2
De Soto	406	348	+ 17	— 4	2
Cadillac	302	312	— 3	— 13	2
Hudson	220	283	— 22	— 23	2
Packard	166	162	+ 2	+ 22	1
Kaiser	131	178	— 26	— 68	1
Lincoln	74	79	— 6	+ 4	x
Willys	70	69	+ 1	— 46	1
Crosley	18	24	— 25	— 40	x
Frazer	0	0	0	—100	x
Others	145	179	— 19	+418	1
Total	13,909	14,979	— 7	— 23	100

(a) Does not include Mahoning County.
For sources and footnotes, see page 2.

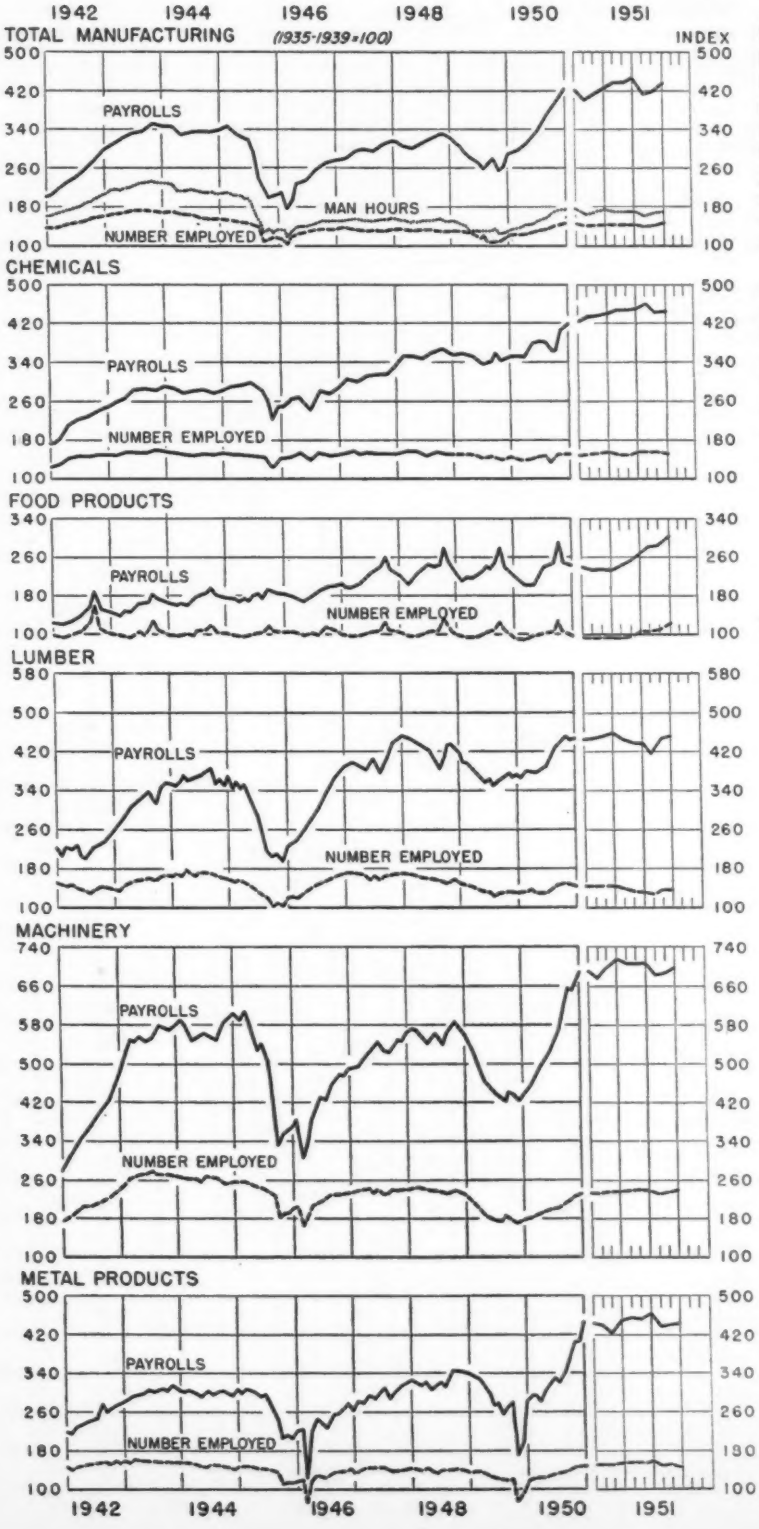








Number Employed, Pay Rolls, and



Manufacturing Employment was up 1 per cent in September from August, 2 per cent from September 1950, and for the first 9 months of the year was 13 per cent above last year. Five of the eleven major manufacturing industry groups reported employment increases in September from August and 6 groups reported decreases. For the first 9 months of the year, as compared with last year, all the major groups reported employment increases ranging from fractional increases to 18 per cent. As compared with September 1950, 5 groups reported increases and 6 groups decreases.

Manufacturing Pay Rolls were up 3 per cent in September from August, 12 per cent from September 1950, and 29 per cent for the first 9 months of the year, as compared with last year. All but 2 of the 11 major manufacturing groups reported increases in pay rolls in September from August and from September 1950. For the first 9 months of the year, all the major groups reported pay roll increases, ranging from 6 per cent to 38 per cent.

INDUSTRIAL GROUP	Number Employed[5]					
	Index 1935–39 = 100		Change			Index 1935–39 =
	Sept. 1951	Aug. 1951	Sept. 1951 from Aug. 1951	Sept. 1951 from Sept. 1950	9 mos. 1951 from 1950	Sept. 1951
			%	%	%	
TOTAL (8508)[w]	148	147	+ 1	+ 3	+ 10	420
All Manufacturing (2929)[w]	144	142	+ 1	+ 2	+ 13	428
Chemicals (187)[a]	156	157	— 1	+ 12	+ 8	450
Food Products (279)	120	106	+ 13	— 3	+ 1	304
Bakery (69)	111	111	+ x	+ 1	+ 2	290
Miscellaneous (210)	118	100	+ 17	— 3	+ 2	297
Lumbers Products (142)	140	140	— x	— 6	+ 5	446
Furniture (53)	135	134	+ x	— x	+ 7	484
Miscellaneous (89)	107	107	— 1	— 12	+ 1	248
Machinery (603)	229	226	+ 2	+ 4	+ 18	702
Electrical Machinery, Apparatus & Supplies (159)	285	281	+ 1	— 3	+ 18	814
Machine Tools (75)	162	146	+ 11	+ 38	+ 51	453
Material Handling and Power Machinery (16)	242	237	+ 2	+ 31	+ 34	907
Spec. Mach. & Appl. (358)	133	132	+ x	+ 3	+ 14	425
Metal Products (697)	143	145	— 1	+ 1	+ 16	489
Foundry Products and Drop Forgings (28)	174	171	+ 2	+ 23	+ 30	463
Pipes, Pumps, Valves and Plumbers' Supplies (28)	80	81	— 2	— 20	— 8	219
Screw Machine Products and Hardware (40)	143	143	+ x	+ 2	+ 15	438
Sheet Metal Work (110)	131	138	— 5	— 20	+ 5	403
Steel Works and Rolling Mills (114)	146	149	— 2	+ 2	+ 17	476
Stoves and Furnaces (23)	84	87	— 3	— 24	— x	210
Miscellaneous (354)	176	177	— x	+ 10	+ 19	499
Paper and Printing (306)	133	134	— 1	+ 2	+ 6	343
Paper, incl. Stationery (27)	123	123	— x	+ 1	+ 3	365
Print. and Publishing (141)	151	152	— x	+ 6	+ 9	381
Miscellaneous (138)	119	120	— 1	— 3	+ 5	323
Rubber Products (63)	136	134	+ 1	— 1	+ 9	318
Tires and Tubes (11)	130	127	+ 2	+ 1	+ 9	307
Miscellaneous (52)	170	172	— 1	— 8	+ 9	428
Stone, Clay, and Glass Products (212)	129	129	+ x	+ 5	+ 3	307
Brick and Tile (58)	150	150	— x	+ 6	+ 10	384
Glass (25)	115	112	+ 3	+ 12	+ 9	326
Vitreous and Semi-Vitreous China and Pottery (39)	126	129	— 2	— 6	+ 3	209
Miscellaneous (90)	98	98	— 1	+ 6	+ 7	222
Textiles (163)	85	88	— 4	— 10	+ x	227
Men's Clothing (55)	83	84	— 1	— 10	— 3	233
Miscellaneous (108)	79	83	— 5	— 11	+ 3	227
Vehicles (110)	159	158	+ x	+ 3	+ 19	491
Autos and Parts (70)	126	126	— x	— 7	+ 11	422
Cars, Electric and Street Railway (6)	b	b	b	b	b	b
Miscellaneous (34)	498	488	+ 2	+ 27	+ 44	1,461
Miscellaneous Mfg. (167)	103	105	— 2	— 8	+ 5	246
Total Trade & Pub. Utils. (4699)	129	128	+ 1	+ 4	+ 4	266
Service (849)	108	108	— x	+ 2	+ 2	174
Trade (Ret. & Whlsl.) (3224)	114	111	+ 2	+ 3	+ 6	231
Transp. & Pub. Utils. (626)	149	148	+ x	+ 5	+ 8	340
Construction (880)	176	180	— 2	+ 10	+ 17	455
Mines and Quarries (133)	e	e	— 2	— 10	+ 1	

Indexes of number employed and of pay rolls are based on employment 1,572 p
ployment of 843,427 persons in 7,367 establishments. Figures in pare show n
In most cases fewer firms report man-hours.
For sources and footnotes, see page 2.

, nd Man-Hours in Ohio Industry

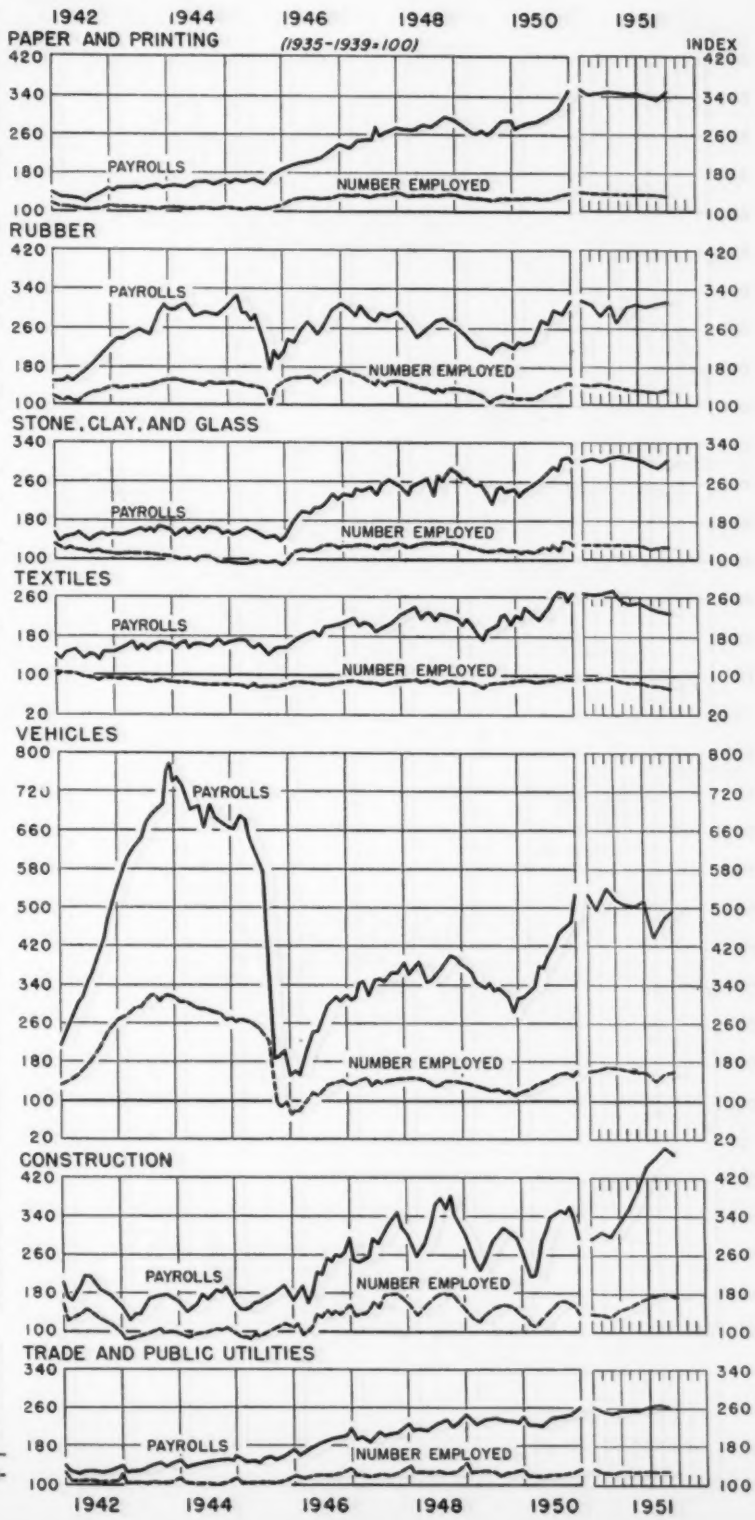
Man-Hours Worked in manufacturing were up 2 per cent in September from August and from September 1950, and for the first 9 months of the year were 15 per cent above the same period last year. All but 4 of the 11 major groups reported increases in man-hours worked in September from August, and all but 5 groups, from September 1950. For the first 9 months of the year, as compared with the same period last year, all but one of the major groups reported increases, ranging from 3 per cent to 23 per cent.

Trade and Public Utilities Employment was up 1 per cent in September from August, 4 per cent from September, 1950, and 4 per cent for the first 9 months of the year. Pay rolls were up 1 per cent in September from August, 10 per cent from September 1950, and 12 per cent for the first 9 months of the year.

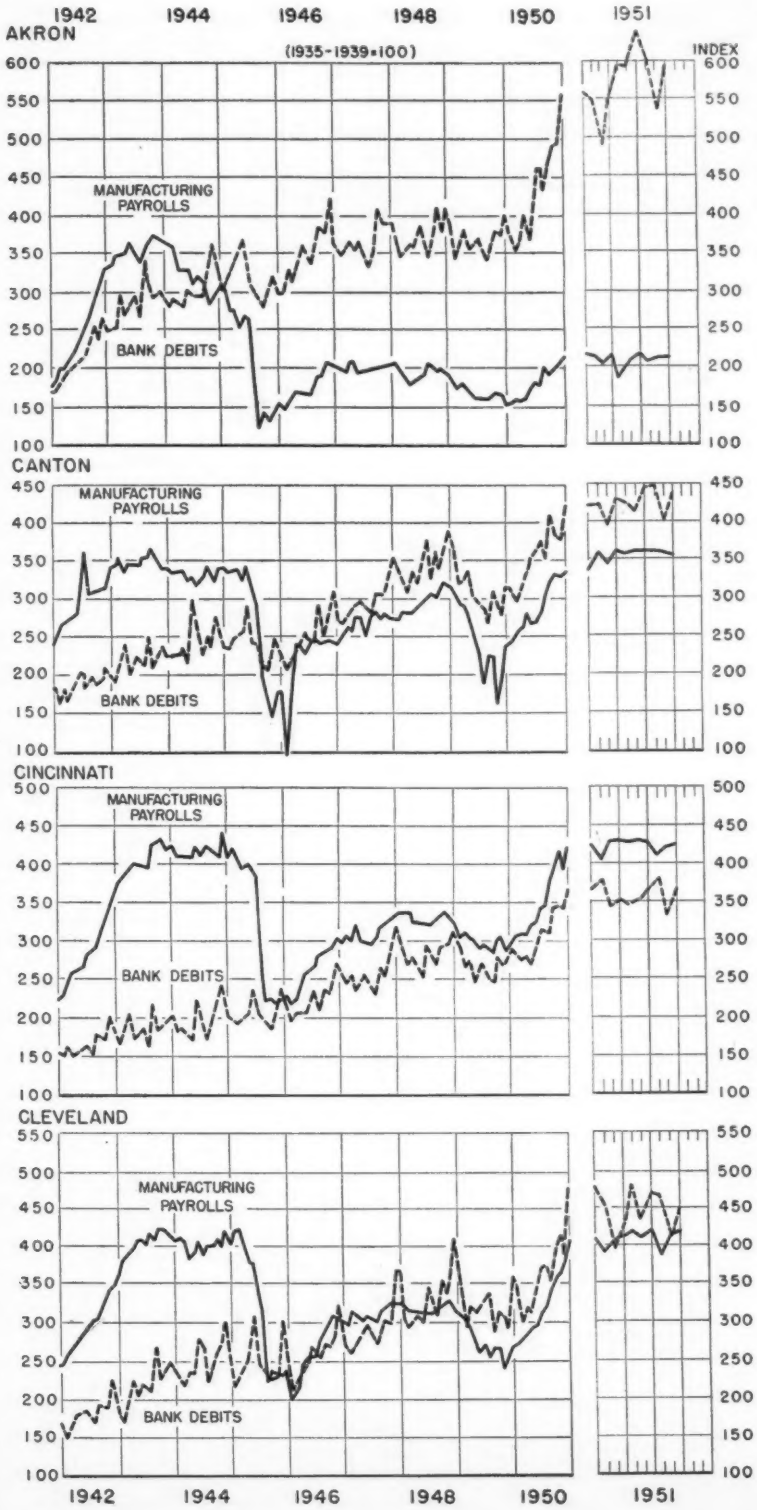
Construction Employment and pay rolls were each down 2 per cent in September from August, but for the first 9 months of the year were 17 per cent and 38 per cent, respectively, above last year.

	Pay Rolls[5]					Man-Hours[5]				
	Index 1935–39 = 100		Change			Index 1935–39 = 100		Change		
	9 mos. 1951 from 1950	Sept. 1951	Aug. 1951	Sept. 1951 from Aug. 1951	Sept. 1951 from Sept. 1950	9 mos. 1951 from 1950	Sept. 1951	Aug. 1951	Sept. 1951 from Aug. 1951	Sept. 1951 from Sept. 1950	9 mos. 1951 from 1950
	%			%	%	%			%	%	%
	+ 10	420	412	+ 2	+ 13	+ 24	c	c	+ 1	+ 3	+ 11
	+ 13	428	416	+ 3	+ 12	+ 29	168	165	+ 2	+ 2	+ 15
	+ 8	450	449	+ x	+ 22	+ 22	173	173	— x	+ 12	+ 11
	+ 1	304	273	+ 11	+ 6	+ 11	120	103	+ 17	— x	+ 3
	+ 2	290	287	+ 1	+ 6	+ 7	120	118	+ 2	+ 5	+ 3
	+ 2	297	259	+ 15	+ 7	+ 13	110	90	+ 22	— 1	+ 4
	+ 5	446	442	+ 1	+ 2	+ 13	162	162	+ x	— 4	+ 7
	+ 7	484	479	+ 1	+ 7	+ 15	158	157	+ 1	— 1	+ 7
	+ 1	248	246	+ 1	— 6	+ 9	112	113	— 1	— 7	+ 8
	+ 13	702	676	+ 4	+ 14	+ 36	263	256	+ 3	— 5	+ 23
	+ 13	814	793	+ 3	+ 5	+ 32	326	315	+ 4	— 2	+ 20
	+ 51	453	384	+ 18	+ 58	+ 90	188	160	+ 14	+ 47	+ 71
	+ 34	007	964	+ 4	+ 37	+ 55	346	338	+ 2	+ 25	+ 40
	+ 14	425	418	+ 2	+ 13	+ 31	136	136	+ x	+ 3	+ 18
	+ 16	439	432	+ 2	+ 14	+ 38	157	159	— 1	+ x	+ 14
	+ 39	463	458	+ 1	+ 25	+ 43	191	190	+ x	+ 19	+ 33
	— 8	219	219	— x	— 16	+ 1	81	82	— 1	— 20	— 6
	+ 15	438	417	+ 5	+ 13	+ 34	173	166	+ 4	+ 7	+ 22
	+ 5	403	425	— 5	— 17	+ 17	151	162	— 7	— 24	+ 6
	+ 17	476	463	+ 3	+ 19	+ 46	158	159	— 1	+ 3	+ 9
	— x	210	216	— 3	— 27	+ 11	78	81	— 4	— 31	— 2
	+ 19	499	492	+ 1	+ 23	+ 40	202	203	— 1	+ 8	+ 25
	+ 6	342	336	+ 2	+ 11	+ 19	140	139	+ 1	+ 4	+ 11
	+ 3	365	352	+ 4	+ 8	+ 14	144	140	+ 3	+ 6	+ 7
	+ 9	381	369	+ 3	+ 25	+ 28	161	158	+ 2	+ 14	+ 19
	+ 5	328	326	— 1	— 3	+ 11	125	125	— x	— 9	+ 3
	+ 9	318	316	+ 1	+ 7	+ 18	168	162	+ 1	— 2	+ 8
	+ 9	307	304	+ 1	+ 12	+ 19	166	165	+ 1	+ 4	+ 10
	+ 9	428	429	— x	— 7	+ 16	156	156	+ x	— 14	+ 5
	+ 5	307	295	+ 4	+ 9	+ 19	116	113	+ 2	+ 4	+ 9
	+ 10	384	388	— 1	+ 10	+ 19	145	148	— 3	+ 4	+ 11
	+ 9	326	284	+ 15	+ 10	+ 19	113	104	+ 9	+ 9	+ 10
	+ 3	209	218	— 4	— 2	+ 14	77	79	— 3	— 12	+ 1
	+ 7	222	229	— 3	+ 15	+ 22	94	97	— 3	+ 9	+ 12
	+ x	227	234	— 3	— 16	+ 6	85	88	— 3	— 22	— 5
	— 3	233	226	+ 3	— 19	+ 4	81	79	+ 2	— 37	— 21
	+ 3	227	241	— 6	— 15	+ 6	85	90	— 6	— 13	+ 5
	+ 13	491	474	+ 4	+ 8	+ 30	181	178	+ 2	+ 2	+ 20
	+ 11	422	408	+ 3	+ 1	+ 23	153	150	+ 1	— 6	+ 13
	b	b	b	b	b	b	b	b	b	b	b
	+ 44	361	1,318	+ 3	+ 35	+ 58	450	435	+ 4	+ 31	+ 47
	+ 5	246	249	— 1	— 8	+ 12	136	140	— 2	— 16	+ 3
	+ 4	266	263	+ 1	+ 10	+ 12	118	118	+ x	+ 1	+ 3
	+ 2	174	174	+ x	+ 3	+ 8	90	89	+ x	— 1	— 1
	+ 6	231	228	+ 1	+ 9	+ 14	108	107	+ x	+ 1	+ 5
	+ 5	340	340	+ x	+ 13	+ 13	173	171	+ 1	+ 6	+ 5
	+ 17	455	456	— 2	+ 31	+ 38	c	c	— 3	+ 21	+ 26
	+ 1	c	c	+ 1	+ 10	+ 22	c	c	— 1	+ 3	+ 9

ployment 1,572 persons in 8,508 establishments; indexes of man-hours, on the em-
n pare show number of establishments reporting employment and pay roll.



Business Conditions in



AKRON

For the first 9 months of 1951, total employment showed an increase of 6 per cent over the same period in 1950. September total pay rolls were 1 per cent greater than August total pay rolls and 11 per cent greater than September 1950 pay rolls. Total pay rolls for the first 9 months of 1951 were 16 per cent more than those in the first 9 months of 1950.

Retail sales in September were 5 per cent above August but 4 per cent below September 1950. Retail sales for the year to date were 6 per cent greater than for the same period in 1950.

September bank debits were 11 per cent higher than in August and 27 per cent higher than in September last year. The increase for the first 9 months of the year, over the same period last year, was 42 per cent.

CANTON

Both total employment and total pay rolls were greater in the first 9 months of 1951 than in the same period last year. Construction employment and pay rolls both showed decreases in September from August and September 1950.

September retail sales were down 6 per cent and 13 per cent, respectively, from August and from September 1950. However, retail sales for the first 9 months of 1951 were 6 per cent above the same period last year.

Bank debits in September increased 9 per cent from August and 7 per cent from September last year.

CINCINNATI

Total employment in September decreased fractionally from August and 1 per cent from September 1950. For the first 9 months of the year, total employment was 8 per cent greater in 1951 than in 1950. Total pay rolls were 24 per cent higher in the first 9 months of 1951 than in the first 9 months of 1950.

Retail sales in September were down 4 per cent from last month and 12 per cent from last year. For the first 9 months of this year, retail sales were up 2 per cent from the same period last year.

September bank debits were 11 per cent above August and 8 per cent above September last year. Bank debits for the first 9 months in 1951 were 20 per cent greater than in 1950.

The steel industry operating rate averaged 102 per cent of capacity in both September and August, but was 2 points less than in September 1950.

CLEVELAND

Total employment and total pay rolls were greater for the first 9 months in 1951 than in 1950.

September retail sales were 11 per cent below the August level and 10 per cent below the September 1950 level. However, the 1951 year to date retail sales were 5 per cent greater than 1950 retail sales.

The September operating rate of the steel industry was 100 per cent of capacity, a decrease of 3 points from the August rate, but an increase of 1 point from September 1950.

ITEM	Unit or Index Base Period	Sept. 1951	Aug. 1951	Change From Last Month: Sept. 1951 from Aug. 1951	Change From Last Year: Sept. 1951 from Sept. 1950	Change From Last Year: 9 mos. 1951 from 1950
AKRON						
				%	%	%
Number Employed:[5,g]						
Total[w] (313)[a]	1935–39	127	124	+ 2	+ 1	+ 6
All Manufacturing (109)[a]	"	96	95	+ 1	— 1	+ 7
Trade & Pub. Util. (161)[a]	"	158	152	+ 4	+ 2	+ 3
Construction (43)[a]	"	158	168	— 6	+ 28	+ 21
• Pay Rolls:[5g] Total[w] (313)[a]	"	283	282	+ 1	+ 11	+ 16
All Manufacturing (109)[a]	"	213	213	— x	+ 10	+ 18
Trade & Pub. Util. (161)[a]	"	342	333	+ 2	+ 9	+ 8
Construction (43)[a]	"	631	656	— 4	+ 37	+ 33
Ret. Sales—Independent Stores[1] (59)[a]	%	c	c	+ 5	— 4	+ 6
Auto Registrations:[5,g] New Cars	No.	1,325	1,552	— 15	— 30	— 14
" " New Trucks	"	155	164	— 5	— 32	— 18
Cost of Living[20]	Jan. 1939	b	b	b	b	b
• Bank Debits Index[5,f]	1935–39	593	532	+ 11	+ 27	+ 42
Commercial Failures[13]	No.	1	0	+ 1†	— 1†	+ 2†
" Liabilities[13]	Thous. Dol.	13	0	+ y	— 92	— 59
Indus. Power Consump. Index[1,f]	1935–39	668	582	+ 15	+ 62	+ 53
Val. Bldg. Permits[13,f]—Total[b]	"	2,047	1,685	+ 21	+ 51	— 13
Residential	"	1,826	1,765	+ 3	— 6	— 24
Nonresidential	"	3,436	2,038	+ 69	+115	— 9
CANTON						
Number Employed:[5,g]						
Total[w] (249)[a]	1935–39	145	144	+ 1	+ 4	+ 10
All Manufacturing (103)[a]	"	144	144	+ x	+ 7	+ 15
Trade & Pub. Util. (108)[a]	"	129	126	+ 3	+ 1	+ 2
Construction (38)[a]	"	251	255	— 1	— 7	+ 8
• Pay Rolls:[5g] Total[w] (249)[a]	"	355	360	— 2	+ 6	+ 21
All Manufacturing (103)[a]	"	353	360	— 2	+ 9	+ 28
Trade & Pub. Util. (108)[a]	"	304	305	— x	— 1	+ 7
Construction (38)[a]	"	530	542	— 2	— 8	+ 13
Ret. Sales—Independent Stores[1] (19)[a]	%	c	c	— 6	— 13	+ 6
Auto Registrations:[5,g] New Cars	No.	860	928	— 7	— 31	— 13
" " New Trucks	"	125	130	— 4	— 30	— 17
• Bank Debits Index[5,f]	1935–39	440	402	+ 9	+ 7	+ 23
Commercial Failures[13]	No.	3	0	+ 3†	+ 1†	— 2†
" Liabilities[13]	Thous. Dol.	198	0	+ y	+482	+118
Val. Bldg. Permits[13,f] Total[b]	1935–39	313	750	— 58	— 54	— 25
Residential	"	377	1,301	— 71	— 49	+ 1
Nonresidential	"	168	301	— 44	— 84	— 73
CINCINNATI						
Number Employed:[5,g]						
Total[w] (1083)[a]	1935–39	112	112	— x	— 1	+ 8
All Manufacturing (432)[a]	"	141	141	— x	— 3	+ 10
Trade & Pub. tUil. (509)[a]	"	85	86	— 1	— 2	+ 2
Construction (142)[a]	"	114	111	+ 3	+ 15	+ 29
• Pay Rolls:[5g] oTtal[w] (1083)[a]	"	320	316	+ 1	+ 12	+ 24
All Manufacturing (432)[a]	"	420	416	+ 1	+ 7	+ 25
Trade & Pub. tUil. (509)[a]	"	199	198	+ 1	+ 7	+ 11
Construction (142)[a]	"	352	340	+ 4	+ 63	+ 74
Ret. Sales—Independent Stores[1] (166)[a]	%	c	c	— 4	— 12	+ 2
Auto Registrations:[5,g] New Cars	No.	2,178	2,475	— 12	— 35	— 17
" " New Trucks	"	349	326	+ 7	— 18	— 14
Cost of Living[20]	Jan. 1939	b	b	b	b	b
Retail Food Price Index[18]	1935–39	228	228	0	+ 7	+ 11
• Bank Debits Index[5,f]	1935–39	367	331	+ 11	+ 8	+ 20
Commercial Failures[13]	No.	0	0	0†	0†	— 4†
" Liabilities[13]	Thous. Dol.	0	0	0	0	+ 4
Val. Bldg. Permits[13,f] Total[b]	1935–39	368	243	+ 51	+ 13	+ 4
Residential	"	277	177	+ 57	— 7	+ 28
Nonresidential	"	412	115	+258	+697	— 14
Steel Ind. Oper. Rate[15] 4 Wks. Av.	% Cap.	102	102	+ x	— 1	+ 1
CLEVELAND						
Number Employed:[5,g]						
Total[w] (1808)[a]	1935–39	157	156	+ 1	+ 7	+ 12
All Manufacturing (719)[a]	"	150	149	+ 1	+ 6	+ 15
Trade & Pub. Util. (889)[a]	"	118	117	+ 1	+ 6	+ 6
Construction (200)[a]	"	631	640	— 1	+ 21	+ 28
• Pay Rolls:[5g] Total[w] (1808)[a]	"	395	385	+ 3	+ 18	+ 27
All Manufacturing (719)[a]	"	419	401	+ 5	+ 17	+ 33
Trade & Pub. Util. (889)[a]	"	277	276	+ 1	+ 12	+ 13
Construction (200)[a]	"	1,004	1,019	— 1	+ 51	+ 55
Ret. Sales—Independent Stores[1] (121)[a]	%	c	c	— 11	— 10	+ 5
Auto Registrations:[5,g] New Cars	No.	5,095	5,460	— 7	— 30	— 10
" " New Trucks	"	498	540	— 8	— 26	— 4
Cost of Living[20]	Jan. 1939	b	b	b	b	b
Retail Food Price Index[18]	1935–39	234	235	— x	+ 8	+ 11
• Bank Debits Index[5,f]	1935–39	450	412	+ 9	+ 14	+ 28
Commercial Failures[13]	No.	1	5	— 4†	— 6†	— 36†
" Liabilities[13]	Thous. Dol.	15	93	— 84	— 72	— 28
Val. Bldg. Permits[13,f] Total[b]	1935–39	506	1,266	— 60	— 44	— 1
Residential	"	477	479	— x	— 55	— 42
Nonresidential	"	746	3,649	— 80	— 18	+ 20
Steel Ind. Oper. Rate[15] 4 Wks. Av.	% Cap	100	103	— 3	+ 1	+ 4

• Indicates Series Charted (Page 6). For Sources and Footnotes, see Page 7.

ITEM	Unit or Index Base Period	Sept. 1951	Aug. 1951	Change From Last Month: Sept. 1951 from Aug. 1951	Change From Last Year: Sept. 1951 from Sept. 1950	Change From Last Year: 9 mos. 1951 from 1950
COLUMBUS						
				%	%	%
Number Employed:[5,g]						
Total[w] (558)[a]	1935–39	137	138	— 1	+ 2	+ 6
All Manufacturing (171)[a]	"	143	142	+ x	+ 3	+ 10
Trade & Pub. Util. (331)[a]	"	132	132	— x	— x	+ 4
Construction (56)[a]	"	122	132	— 7	+ 13	+ 2
• Pay Rolls:[5g] Total[w] (588)[a]	"	353	355	— x	+ 10	+ 13
All Manufacturing (171)[a]	"	513	508	+ 1	+ 11	+ 26
Trade & Pub. Util. (331)[a]	"	272	275	— 1	+ 6	+ 14
Construction (56)[a]	"	229	243	— 6	+ 21	— x
Ret. Sales—Independent Stores[4] (113)[a]	%	c	c	— 2	— 11	+ 2
Auto Registrations:[2,g] New Cars	No.	1,485	1,663	— 11	— 38	— 19
" " New Trucks	"	181	188	— 4	— 34	— 13
Retail Food Price Index[13]	1935–39	210	209	+ x	+ 8	+ 13
• Bank Debits Index[6,f]	1935–39	379	362	+ 5	+ 10	+ 6
Commercial Failures[13]	No.	0	1	— 1†	— 4†	— 11†
" Liabilities[13]	Thous. Dol.	0	6	—100	—100	— 23
Val. Bldg. Permits[16,f] Total[b]	1935–39	378	417	— 9	— 57	— 47
Nonresidential	"	440	330	+ 34	— 56	— 57
Residential	"	304	562	— 46	— 66	+ 6
DAYTON						
Number Employed:[5,g]						
Total[w] (321)[a]	1935–39	143	144	— 1	— 3	+ 4
All Manufacturing (149)[a]	"	154	155	— x	— 5	+ 6
Trade & Pub. Util. (114)[a]	"	130	131	— 1	— 3	— x
Construction (58)[a]	"	86	92	— 6	+ 15	+ 12
• Pay Rolls:[5g] Total[w] (321)[a]	"	452	443	+ 2	+ 4	+ 14
All Manufacturing (149)[a]	"	534	512	+ 4	+ 1	+ 16
Trade & Pub. Util. (114)[a]	"	325	324	+ x	+ 7	+ 10
Construction (58)[a]	"	308	340	— 9	+ 23	+ 20
Ret. Sales—Independent Stores[4] (17)[a]	%	c	c	— 12	— 1	+ 18
Auto Registrations:[2,g] New Cars	No.	1,509	1,452	+ 4	— 41	— 17
" " New Trucks	"	144	157	— 8	— 23	— 15
Cost of Living[20]	Jan. 1939	b	b	b	b	b
• Bank Debits Index[6,f]	1935–39	473	443	+ 7	— x	+ 19
Commercial Failures[13]	No.	0	0	0†	— 3†	— 16†
" Liabilities[13]	Thous. Dol.	0	0	0	—100	— 86
Indus. Power Consump. Index[1,f]	1935–39	345	313	+ 10	+ 1	+ 5
Val. Bldg. Permits[16,f]—Total[b]	"	523	531	— 2	— 27	+ 6
Residential	"	1,082	624	+ 73	— 17	— 34
Nonresidential	"	138	585	— 76	— 67	— 5
TOLEDO						
Number Employed:[5,g]						
Total[w] (480)[a]	1935–39	103	102	+ 1	— 1	+ 13
All Manufacturing (165)[a]	"	108	107	+ 1	— 3	+ 19
Trade & Pub. Util. (252)[a]	"	91	89	+ 2	+ 3	+ 5
Construction (63)[a]	"	151	151	+ x	+ 14	+ 15
• Pay Rolls:[5g] Total[w] (480)[a]	"	233	223	+ 4	+ 7	+ 25
All Manufacturing (165)[a]	"	255	242	+ 5	+ 5	+ 32
Trade & Pub. Util. (252)[a]	"	187	180	+ 4	+ 10	+ 10
Construction (63)[a]	"	322	323	— 1	+ 21	+ 27
Ret. Sales—Independent Stores[4] (95)[a]	%	c	c	+ 7	— 7	+ 5
Auto Registrations:[2,g] New Cars	No.	1,457	1,449	+ 1	— 34	— 16
" " New Trucks	"	145	153	— 5	— 49	— 16
Cost of Living[20]	Jan. 1939	b	b	b	b	b
• Bank Debits Index[6,f]	1935–39	380	364	+ 4	+ 6	+ 21
Commercial Failures[13]	No.	2	2	0†	+ 1†	— 8†
" Liabilities[13]	Thous. Dol.	74	14	+429	+118	+ 70
Indus. Power Consump. Index[1,f]	1935–39	335	324	+ 3	+ 2	+ 18
Val. Bldg. Permits[16,f]—Total[b]	"	1,189	470	+153	+165	— 3
Residential	"	852	794	+ 7	+ 21	— 23
Nonresidential	"	2,160	169	+ y	+630	+ 83
YOUNGSTOWN						
Number Employed:[5,g]						
Total[w] (249)[a]	1935–39	136	138	— 2	+ 1	+ 6
All Manufacturing (49)[a]	"	143	146	— 2	— 1	+ 6
Trade & Pub. Util. (174)[a]	"	125	125	— x	+ 3	+ 6
Construction (26)[a]	"	48	46	+ 3	— 5	+ 16
• Pay Rolls:[5g] Total[w] (249)[a]	"	390	383	+ 2	+ 14	+ 29
All Manufacturing (49)[a]	"	426	422	+ 1	+ 16	+ 34
Trade & Pub. Util. (174)[a]	"	313	305	+ 3	+ 8	+ 14
Construction (26)[a]	"	143	123	+ 16	— 3	+ 23
Ret. Sales—Independent Stores[4] (77)[a]	%	c	c	— 1	— 3	+ 9
Auto Registrations:[2,g] New Cars	No.	636	730	— 13	b	b
" " New Trucks	"	105	132	— 20	b	b
Cost of Living[20]	Jan. 1939	b	b	b	b	b
• Bank Debits Index[6,f]	1935–39	492	447	+ 10	+ 24	+ 25
Commercial Failures[13]	No.	1	1	0†	— 1†	— 2†
" Liabilities[13]	Thous. Dol.	20	12	+ 67	— 88	— 60
Indus. Power Consump. Index[1,f]	1935–39	311	300	+ 4	— 2	+ 14
Val. Bldg. Permits[16,f]—Total[b]	"	2,323	378	+515	+264	+ 18
Residential	"	840	449	+ 87	— 31	— 35
Nonresidential	"	6,324	236	+ y	+ y	+129
Steel Ind. Oper. Rate[15]	4 Wks. Av. % Cap.	104	105	— 1	— 1	+ 5

• Indicates Series Charted (Page 7). For Sources and Footnotes, see Page 2.

the Chief Ohio Cities

COLUMBUS

For the first 9 months of the year, total employment increased 6 per cent from 1950, and total pay rolls increased 18 per cent from 1950.

Retail sales in September decreased 2 per cent from August and 11 per cent from September 1950. Retail sales in the first 9 months of 1951 were 2 per cent above the same period last year.

Bank debits in September were 5 per cent greater than in August and 10 per cent greater than in September 1950, and in the first 9 months of 1951 were 6 per cent above 1950 bank debits.

DAYTON

September total employment was 1 per cent below the August level and 3 per cent below the September 1950 level, but in the first 9 months of 1951 was 4 per cent above the same period in 1950. For the year to date, total pay rolls were 14 per cent higher in 1951 than in 1950.

Retail sales were down 12 per cent in September from August and down 1 per cent from September last year, but for the first 9 months of 1951 were up 18 per cent from the same period last year.

Bank debits in September were 7 per cent greater than in August, but decreased fractionally from September 1950. For the first 9 months of 1951, bank debits were 19 per cent above the same period in 1950.

TOLEDO

An increase in employment of 13 per cent occurred in the first 9 months of 1951 over the same period in 1950. Total pay rolls in September increased 4 per cent and 7 per cent, respectively, from August and September 1950. For the first 9 months of 1951 total pay rolls were 25 per cent higher than in 1950.

Retail sales in September were up 7 per cent from August, but were down 7 per cent from September last year. Retail sales for the year to date were 5 per cent above retail sales for the same period last year.

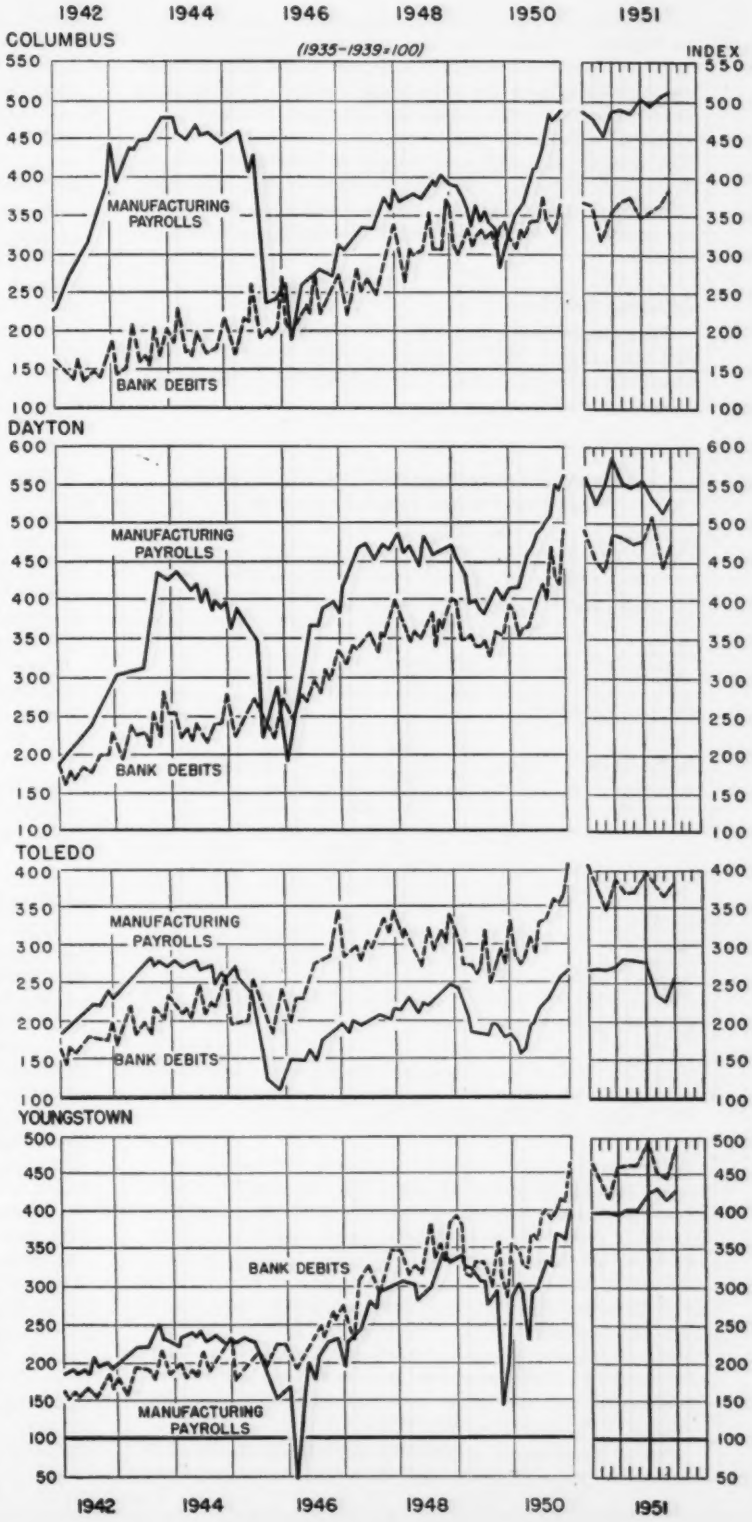
September bank debits showed an increase of 4 per cent over last month and 6 per cent over September 1950. For the first 9 months in 1951 bank debits were 21 per cent higher than during the same period a year ago.

YOUNGSTOWN

In the first 9 months of 1951 total employment increased 6 per cent over that period in 1950. The total pay rolls for the first 9 months of 1951 were 29 per cent higher than for the same period last year.

September retail sales were down from August and September 1950, but were up for the first 9 months of 1951 as compared with 1950.

The steel industry operating rate was 104 per cent of capacity, a decrease of 1 point from both August and September 1950.



Employment and Earnings of Production Workers in Three Selected Manufacturing Industries, By Size of Company

Not only do employment and employee earnings vary as between different industries but also by size of company within a given industry. This article deals with employment and employee earnings trends by size of company in three manufacturing industries—chemical, electrical machinery, and machine tools—for selected periods 1950-1951. The analysis is based on a sample of firms and hence reflects only changes that have occurred in the companies included in the sample, not changes which may be due to an increase or decrease in the number of firms in the industry.

Chemical Industry

Employment increases, with only one exception, in January and August 1951, as compared with June 1950, were relatively greater among the smaller than among the larger firms.

Changes in Employment and Hourly Earnings of Production Workers in Selected Industries

Selected Periods 1950–1951

Industry and Size of Firm (Employment)	No. of Firms in Sample	Index of Employment (June 1950 = 100)			% Change	
		June 1950	Jan. 1951	Aug. 1951	Aug. 1951 from Jan. '51	
Chemical:						
Under 100	119	100.0	113.5	116.1	+ 2.3	
100–300	24	100.0	115.9	110.2	— 4.9	
Over 300	19	100.0	102.6	107.0	+ 4.3	
Electrical Machinery:						
Under 100	42	100.0	127.1	134.8	+ 6.1	
100–300	26	100.0	118.6	111.7	— 5.8	
Over 300	36	100.0	111.5	105.1	— 5.7	
Machine Tool:						
Under 100	20	100.0	137.6	166.1	+20.7	
100–300	8	100.0	131.8	141.9	+ 7.7	
Over 300	8	100.0	148.3	169.4	+14.2	
		Hourly Earnings (Dollar)			% Change Aug. '51 from	
		June 1950	Jan. 1951	Aug. 1951	June 1950	Jan. 1951
Chemical:						
Under 100	119	1.40	1.50	1.55	+10.7	+ 3.3
100–300	24	1.49	1.59	1.65	+10.7	+ 3.8
Over 300	19	1.69	1.80	1.83	+ 8.3	+ 1.7
Electrical Machinery:						
Under 100	42	1.31	1.39	1.46	+11.5	+ 5.0
100–300	26	1.66	1.79	1.84	+10.8	+ 2.8
Over 300	36	1.49	1.60	1.68	+12.8	+ 5.0
Machine Tool:						
Under 100	20	1.52	1.58	1.64	+ 9.9	+ 3.8
100–300	8	1.50	1.67	1.67	+11.3	0
Over 300	8	1.61	1.73	1.78	+10.6	+ 2.9

Source: Computed by the Bureau of Business Research from sample data (see page 2, footnote 5).

In January 1951, approximately 11.4 and in August 1951, 11.6 production workers were employed for every 10 employed in June 1950 by companies employing less than 100 workers. In those companies employing between 100 and 300 production workers, employment as compared with June 1950 was up 16 per cent in January 1951 and only 10 per cent in August 1951. Companies employing over 300 production workers had the relatively smallest increases. As compared with June 1950, employment of production workers in these companies was up 3 per cent in January 1951 and 7 per cent in Aupust 1951.

Hourly earnings of production workers in the smaller companies were generally less than in the larger companies, but the relative increases in hourly earnings of production workers was larger in the smaller companies than in the larger companies. The differential in terms of actual cents, however, between the smaller and larger companies has been maintained over the period June 1950-August 1951.

Electrical Machinery Industry

Employment increases were considerably greater both in January and August 1951 as compared with June 1950, among the companies employing less than 100 production workers. Increases in employment among the companies employing between 100 and 300 production workers were less than the increases of the small companies but greater than the increases of the larger companies. Actually, companies employing over 100 workers experienced decreases in their employment in August as compared with January 1951.

About 12.7 production workers in January 1951 and 13.5 in August 1951 were employed for every 10 workers employed in June 1950 in companies employing less than 100 workers. Among those companies employing between 100 and 300 production workers, employment increased 19 per cent in January 1951 from June 1950 but was down 6 per cent in August from January 1951. The employment trend in larger companies (over 300 workers) was very much like that of the medium-sized companies.

Hourly earnings of production workers in the smaller companies were less than those of the larger companies. Among the medium-sized companies, average hourly earnings of production workers were more than those of production workers in the smaller as well as larger companies. The differentials in the average hourly earnings of the workers in companies of different size groups has been fairly well maintained over the period June 1950 to August 1951.

Machine Tool Industry

Employment increases were generally greater among the larger companies than among the medium-and-smaller-sized companies. Relative increases in employment in the smaller companies, on the other hand, were greater than those in the medium-sized companies.

As compared with June 1950, employment in January 1951 in firms employing less than 100 workers was up 38 per cent; in firms employing between 100 and 300 workers, 32 per cent; and in the larger companies employing over 300 workers, 48 per cent. By August 1951, as compared with June 1950, employment in the smaller firms increased 66 per cent; in the medium-sized firms, 42 per cent; and in the larger firms, 69 per cent. Relative increases in employment in August 1951 as compared with January 1951 were greater among the smaller-sized firms.

Hourly Earnings of production workers in the larger companies were greater than for the medium-sized and smaller-sized companies. Hourly earnings of production workers in the smaller companies were $1.52 while in the largest-size group, hourly earnings were $1.61 in June 1950. By August 1951, hourly earnings for production workers in the smaller companies increased to $1.64 as compared with $1.78 in the larger companies.

Sam Arnold